

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NUMBER CMT-0016 SERIAL NUMBER 10/530,837 FILED 04/08/2005
 FIRST INVENTOR: Soojin LEE TITLE GENE FAMILIES ASSOCIATED WITH
CANCERS

EXAMINER NYA

ART UNIT NYA

1. ☒ Applicant submits herewith a copy of (a) attached form PTO-1449, which lists all patents, publications, applications, or other information submitted for consideration by the Office; (b) a legible copy of each document required by 37 C.F.R. §1.98(b)(2).
2. ☐ Applicant herein apprises the Patent Office of references cited in a parent U.S. application from which this application obtains the benefit of an earlier filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application _____ filed _____ and entitled _____
 The publications cited therein are listed on attached Form PTO-1449. In accordance with 37 C.F.R. §1.98(d) copies of the listed publications are not required. ☐ Additional parent patent applications are listed on an attached sheet.
3. ☐ In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each reference not in English (check at least one box below):
☐ A copy of a translation of one or more non-English document, or portion thereof, is provided herewith;
☐ A concise explanation is (check at least one box below):
☐ provided in the accompanying foreign or international search report; ☐ incorporated into the specification; and/or ☐ provided herewith.
- 37 C.F.R. §1.97(b)(1), (b)(2) – WITHIN 3 MONTHS OF FILING OR ENTRY IN NATIONAL STAGE
4. ☐ Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application, no fee or certification under 37 C.F.R. §1.97(e) is required.
- 37 C.F.R. §1.97(b)(3), (b)(4) – PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMINATION
5. ☒ Since this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 C.F.R. §1.97(e) is required.
- 37 C.F.R. §1.97(c) – AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE
6. ☐ Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing date of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked):
 a. ☐ the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. §1.17(p).
 b. ☐ the statement specified in 37 C.F.R. §1.97(e) (Box 8 or 9 must be checked).
- 37 C.F.R. §1.97(d) – AFTER FINAL REJECTION OR ALLOWANCE
7. ☐ Since this Information Disclosure Statement is being filed after the period specified in 37 C.F.R. §1.97(c), but on or before payment of the issue fee and is accompanied by both the statement specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p). (Box 8 or 9 must be checked.)
8. ☐ In accordance with 37 C.F.R. §1.97(e)(1), Applicant's attorney certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. ☐ The foreign or international search report(s) is/are enclosed.
9. ☐ In accordance with 37 C.F.R. §1.97(e)(2), Applicant's attorney certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the information disclosure statement.
10. ☒ In the event the Commissioner of Patents deems that any additional fee is required under 37 C.F.R. §§ 1.16 or 1.17 in connection with this application, Applicant's attorneys authorize that such fee be charged to Deposit Account No. 06-1130.
11. Consideration of this Information Disclosure Statement is respectfully requested.

Name: <u>Soonja Bae</u>	Limited Recognition No. <u>L0017</u>
Signature: <u>[Signature]</u>	Date: <u>November 14, 2005</u>

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Applicant(s): Soojin LEE, et al.

Docket No.

CMT-0016

Application No.

10/530,837

Filing Date

04/08/2005

Examiner

NYA

Customer No.

23413

Group Art Unit

NYA

Invention: GENE FAMILIES ASSOCIATED WITH CANCERS

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) CMT-0016		Application Number 10/530,837	
	Applicant(s) Soojin LEE, et al.			
	Filing Date 4-8-2005		Group Art Unit NYA 1633	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/QN/		4,908,773A	03/13/1990	Pantoliano, et al.	364	496	04/06/1987
		5,884,230	03/16/1999	Srinivasan, et al.	702	22	06/14/1996
		5,873,052	02/16/1999	Sharaf	702	20	11/06/1996
		5,331,573	07/19/1994	Balaji, et al.	364	500	12/14/1990
/QN/		5,888,738	03/30/1999	Hendry	435	6	05/28/1997

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
/QN/		WO 92/10092	6-25-1992	PCT				
		WO 90/15070	12-13-1990	PCT				
/QN/		WO 95/11755	5-4-1995	PCT				

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/QN/		"Monitoring gene expression profile changes in ovarian carcinomas using cDNA microarray"; Authors: Kia Wang, et al.; Gene; Vol. 229; 1999; pp. 101-108
/QN/		"Language Area Localization with Three-Dimensional Functional Magnetic Resonance Imaging Matches Intracalcal Electrostimulation in Broca's Area"; Authors: G.J.M. Rutten, et al.; Brief Communications; Broca area. Ann Neurol, Vol. 46, No. 3; September 1999; pp. 405-408

EXAMINER	/Quang Nguyen/	DATE CONSIDERED	04/04/2008
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EXAMINER: Include if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Initial copy of this form with next communication to applicant.

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/QN/		5,399,346	03/21/1995	Anderson, et al.	424	93.21	03/30/1994
		4,736,866	04/12/1988	Leder, et al.	800	1	06/22/1984
		5,602,307	02/11/1997	Beaudet, et al.	800	2	09/20/1994
		5,728,915	03/17/1998	Chang, et al.	800	2	05/08/1995
/QN/		5,731,490	03/24/1998	Mak, et al.	800	2	02/21/1995

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							YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
/QN/		"The Hallmarks of Cancer"; Authors: Douglas Hanahan, et al.; Cell; Vol. 100; 2000; pp. 57-70
/QN/		insight progress"Cancer genetics"; Author: Bruce A. J. Ponder; Nature; Vol. 411; May 2001; pp. 336-341

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/QN/		5,143,854	09/01/1992	Pirrung, et al.	436	518	03/07/1990

U.S. PATENT APPLICATION PUBLICATIONS							
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OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
/QN/		"Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring"; Authors: T.R. Golub, et al.; Science; Vol. 286; October 15, 1999; pp. 531-537
/QN/		"Distinctive types of diffuse large B-cell lymphoma identified by gene expression profiling"; Authors: Ash a. Alizadeh, et al.; Nature; Vol. 403; February 3, 2000; pp. 503-511

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/QN/	"Broad patterns of gene expression revealed by clustering analysis of tumor and normal colon tissues probed by oligonucleotide arrays"; Authors: U. Alon, et al.; Proc. Natl. Acad. Sci. USA; Vol. 96; June 1999; pp. 6745-6750		
	"Molecular Classification of Cutaneous Malignant Melanoma by Gene Expression Profiling"; Authors: M. Bittner, et al.; Nature; Vol. 406; August 3, 2000; pp. 536-540		
	"Molecular portraits of human breast tumours"; Authors: Charles M. Perou, et al.; Nature; Vol. 406; August 17, 2000; pp. 747-752		
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/QN/		"RNase Protection Assay"; Authors: Ying Jun Ma, et al.; METHODS: A Companion to Methods in Enzymology; Vol. 10; Article 0102; 1996; pp. 273-278			
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/QN/	"Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity"; Authors: G. Kohler, et al.; Nature; Vol. 256; August 7, 1975; pp. 495-497		
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/QN/	"Receptor-Mediated Gene Delivery and Expression in Vivo*"; Authors: George Y. Wu, et al.; The Journal of Biological Chemistry; Vol. 263; No. 29; October 15, 1988; pp. 14621-14624		
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	"Quantitative Genetics of Transgenic Mice: Components of Phenotypic Variation in Body Weights and Weight Gains"; Authors: A.C. Clutter, et al.; Genetics; Vol. 143; August 1996; pp. 1753-1760		
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	"Transgenic Livestock as Genetic Models of Human Disease"; Author: Robert M. Petters; Reprod. Fertil. Dev.; Vol. 6; 1994; pp. 643-645		
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	"Neurotactin, a Novel Neurite Outgrowth-Promoting; Ig-Like Protein that Interacts with CEPU-1 and LAMP; Authors: Andreas Marg, et al.; The Journal of Cell Biology; Vol. 145; No. 4; May 17, 1999; pp. 865-876		
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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/QN/

"Biotechnological Advances in Goat Reproduction"; Authors: E. A. Amoah, et al.; J. Anim. Sci.; 1997; pp. 578-585

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"Identification of a Human RasGAP-related Protein Containing Calmodulin-binding Motifs"; Authors: Lawrence Weissbach et al.; The Journal of Biological Chemistry; Vol. 269; No. 32; August 12, 1994; pp. 20517-20521

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"Characterization of a Novel Rat Brain Glycosylphosphatidylinositol-Anchored Protein (Kilon), a Member of the IgLON Cell Adhesion Molecule Family"; Authors: Nobuo Funatsu, et al.; The Journal of Biological Chemistry; Vol. 274; No. 12; March 19, 1999; pp. 8224-8230

/QN/

"Phosphorylation of Nucleosides and Nucleoside Analogs by Mammalian Nucleoside Monophosphate Kinases"; Authors: An R. Van Rompay, et al.; Pharmacology & Therapeutics; Vol. 87; 2000; pp. 189-198

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		"The Shank Family of Scaffold Proteins"; Authors: Morgan Sheng, et al.; Journal of Cell Science; Vol. 113; 2000; pp. 1851-1856	
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.